

SEQUENCE NR:

TITLE: INFORMATION TASKS OF THE FUNCTIONAL MAPPING OF BIOLOGICAL SYSTEMS  
AUTHOR: PLATONOV, S A; KARGASHIN, A YU; TARATORIN, A M; GODIK, E E  
DOC REF: RADIOTEKHNIKA (MOSCOW) (RATEA), 91, NR 8, 62-68  
INF CTY: USSR (UR)  
INF DATE: 910515  
COSATI: BIOLOGICAL AND MEDICAL SCIENCES (06); PHYSICS (20);  
MATHEMATICAL AND COMPUTER SCIENCES (12)  
UDC: 681.3; 681.5; 57.087.3; UDC166; UDC334; UDC335  
CLASSIF: UNCLASSIFIED  
RELEASE: NONE (XX)

TEXT: AUTHOR ABSTRACT. DOCUMENT CONTAINS 3 PHOTOS.

THE QUESTIONS OF DEVELOPING DATA SOFTWARE AND GENERATING PHYSICAL EXPERIMENTS IN REGARD TO THE FUNCTIONAL MAPPING OF BIOLOGIC OBJECTS ARE BEING CONSIDERED, WHICH ARE BASED ON THE RECORDING OF SPECIFIC PHYSICAL FIELDS AND RADIATIONS. A REVIEW OF BASIC METHODS AND PUBLICATIONS RELATED TO THIS TREND IS ATTACHED AND THE BASIC CONCEPTS OF DYNAMIC AND FUNCTIONAL MAPPING ARE PRESENTED. ALSO THE MAJOR PARAMETERS OF THE DATA GATHERING SYSTEMS ARE PRESENTED AS WELL AS THE GENERAL SCHEMATIC OF THE DYNAMIC MAPPING DATA PROCESSING AND SOME OTHER CONCRETE SUGGESTIONS TO BRING IT ABOUT. THE GENERAL PROBLEMS OF MODELING PHYSIOLOGICAL AND REGULATORY SYSTEMS IN THE ORGANISM ARE PRESENTED AS WELL AS THE FUTURE TRENDS IN DEVELOPING THE ARTIFICIAL INTELLIGENCE SYSTEMS FOR EARLY FUNCTIONAL DIAGNOSTICS.

PFN INFORMATION: PART 001

PERSON: PLATONOV, S A  
PERS CTY: USSR (UR)  
  
PERSON: KARGASHIN, A YU  
PERS CTY: USSR (UR)  
  
PERSON: TARATORIN, A M  
PERS CTY: USSR (UR)  
  
PERSON: GODIK, E E  
PERS CTY: USSR (UR)

*How does this  
relate to  
Smirnov's work?*

PFN INFORMATION: PART 002

RELATES: SERGEY ALEKSANDROVICH PLATONOV, ANDREY YURYEVICH

STAT

SEQUENCE NR:

[REDACTED]

[REDACTED]

KARGASHIN AND EDUARD EMMANUILOVICH GODIK ARE MEMBERS OF  
IRE (AN SSSR).

PERSON: PLATONOV, SERGEY ALEKSANDROVICH  
PROTITLE: DEPUTY DIRECTOR, CANDIDATE FOR PHYSICAL MATHEMATICAL  
SCIENCES  
PERS CTY: USSR (UR)  
PERSDATA: BIOGRAPHIC DATA

PERSON: KARGASHIN, ANDREY YURYEVICH  
PROTITLE: SENIOR SCIENTIFIC ASSOCIATE, CANDIDATE FOR PHYSICAL  
MATHEMATICAL SCIENCES  
PERS CTY: USSR (UR)  
PERSDATA: BIOGRAPHIC DATA

PERSON: GODIK, EDUARD EMMANUILOVICH  
PROTITLE: DIRECTOR, CANDIDATE, DOCTOR OF PHYSICAL MATHEMATICAL  
SCIENCES, PROFESSOR  
PERS CTY: USSR (UR)  
PERSDATA: BIOGRAPHIC DATA

FACILITY: IRE  
SUPERIOR: AN SSSR  
SUBORD: NAUCHNO INZHENERNYY TSENTR  
BIOMEDITSINSKOYRADIOELEKTRONIKI  
FACL CTY: USSR (UR)  
FSUBORD: FACILITY SUBORDINATION DATA

PFN INFORMATION: PART 003

FACILITY: NAUCHNO INZHENERNYY TSENTR BIOMEDITSINSKOY  
RADIOELEKTRONIKI  
FACL CTY: USSR (UR)  
FACLDATA: FACILITY NAME EQUATE AVAILABLE

PFN INFORMATION: PART 004

RELATES: S A PLATONOV WAS ASSOCIATED WITH MGU IN 1977-. A YU  
KARGASHIN WAS ASSOCIATED WITH MGU IN 1977-. E E GODIK  
WAS ASSOCIATED WITH MGU IN 1959-.

PERSON: PLATONOV, S A  
PROTITLE: STUDENT  
PERS CTY: USSR (UR)  
PERSDATA: BIOGRAPHIC DATA

STAT SEQUENCE NR: [REDACTED]

PERSON: KARGASHIN, A YU  
PROTITLE: STUDENT  
PERS CTY: USSR (UR)  
PERSDATA: BIOGRAPHIC DATA

PERSON: GODIK, E E  
PROTITLE: STUDENT  
PERS CTY: USSR (UR)  
PERSDATA: BIOGRAPHIC DATA

FACILITY: MGU  
SUBORD: MEKHMAT, MEKHMAT, FIZFAK  
FACL CTY: USSR (UR)  
FSUBORD: FACILITY SUBORDINATION DATA